

Appl. No. 10/078,042
Docket No. 8430L
Amdt. dated April 19, 2010
Reply to Office Action mailed on November 17, 2009
Customer No. 27752

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. – 10. (Canceled)

11. – 13. (Canceled)

14. – 30. (Canceled)

31. (New) A method for improving the management of an individual's asthmatic condition, comprising the steps of:

- a) identifying a failure event relating to the asthmatic condition;
- b) developing a treatment plan including at least one level of treatment indicated by a pre-defined change in the asthmatic condition;
- c) selecting at least one quantitative first parameter related to the asthmatic condition, the failure event and the individual's health, for measurement and analysis;
- d) selecting at least one qualitative or quantitative second parameter related to the asthmatic condition and the individual's environment, for determination and analysis;

- e) developing a sampling strategy for measuring and/or determining the first parameter and the second parameter at selected time(s) and frequency(ies);
- f) using a data measurement mechanism to measure the first parameter at times and at a frequency according to the sampling strategy, to generate first data concerning the first parameter;
- g) determining the second parameter at times and at a frequency according to the sampling strategy, to generate second data concerning the second parameter;
- h) using a data acquisition mechanism to store the first data and the second data on a storage medium;
- i) using an electronic data analysis mechanism to analyze the first data and the second data, whereby the data analysis mechanism comprises software employing reliability engineering techniques; and
- j) using the data analysis mechanism to identify an environmental cause of the failure event;

wherein the data analysis mechanism provides actionable information for the improvement of the individual's health by an information presentation mechanism, the actionable information including information relating to the environmental cause of the failure event.

32. (New) The method of Claim 31 further comprising the step of establishing control limits for the first parameter and/or the second parameter; defining an out-of-control condition relative the control limits for determination by the data analysis mechanism;

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tracking measurements or determinations of the first parameter and/or the second parameter against the control limits, and administering the at least one level of treatment when the out-of-control condition is presented.

33. (New) The method of Claim 32 further comprising the step of identifying best observed performance of the individual relative the first parameter, and recalculating control limits based on the best observed performance.
34. (New) The method of Claim 31 further comprising the step of tracking time of failure events or time between failure events to provide information selected from the group consisting of: efficacy of the at least one level of treatment; effects of environmental conditions; and combinations thereof.
35. (New) The method of Claim 32 further comprising the step of establishing a target for the first parameter, wherein the control limits are established relative the target.
36. (New) The method of Claim 35 further comprising the step of determining a capability ratio and using the capability ratio to determine efficacy of the treatment plan.